P35

G. R. S. 58

Previous references.

1903-04 ✓

(Municipal)

File No. 106 D of 03-0

Serial Nos. 1 to 9

Later references.

W.L. 2952-12 (13719)

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. 1 to 9.

Part B. for

SUBJECT.

Construction of experimental houses at the Idga and Jalapuri extensions of the Mysore City

No 21

From the Chairman, Mysore City Trust Board, Dt 9th July 1904
Submits copy of a resolution of the Board Dt 7th January & estimate with plans for the construction of experimental houses at the Idga & Jalapuri extensions at a cost of Rs 14,530

To the Chairman, Municipal Commissioners & Comptroller with copies of the estimates.

No. 3466-7 Dt 11-3-04

Sanctions the construction with the observation that the no of houses proposed by the Chairman to be built in both extensions is in excess of that sanctioned by the Board.

From the same. No. 574 Dt 27th April 1904.

Submits for sanction an estimate for Rs 17,696 with enclosures for the sanitary improvements of the Jalapuri extensions.

Submits for sanction an estimate for Rs 13,4411-
with enclosures for the sanitary improvement of the
Jaya extension.

The Chief Engineer. No. 4332 Dt 12th May 1901.
Forwards ~~Rs~~ 3 Qs invites his opinion thereon.

The Chief Engineer. No. 4333 Dt 12th May 1901.
Forwards ~~Rs~~ 4 Qs invites his opinion thereon.

From the Same. No. 3007 Dt 24th May 1901.
Informs that the estimates for Chebrakalli,
Jalapuri, Ramapura & Jaya extensions have
been duly checked in this office & the
necessary alterations made in red ink &
suggests that the same may be returned
sanctioned.

To the Chairman returning ~~encls~~ with estimates & the
Comptroller with copies of the estimates.
No. 5018-19 Dt 24th June 1901.
Sanctions the estimate for Rs 13,4411- on the
understanding that the project does not
materially differ from the one approved by
the Chief Engineer & states that the
submission of the declaration statements is
awaited.

To the Chief Engineer. No. 5019 Dt 24.6.01.
Forwards copy of the above for information.

To the Chairman returning ~~encls~~ with estimates &
the Comptroller with copies of the estimates
No 5021-22 Dt 24.6.01
Sanctions the estimate for Rs 17,6941- on the
understanding that the project does not
materially differ from the one approved by
the Chief Engineer & states that the submission
of the declaration statement is awaited.

To the Chief Engineer. No. 5023 Dt 24.6.01
Forwards copy of the above for
information.

Office of the Government of H. H. the Maharaja of Mysore. General and Revenue Secretariat.

File No. (if any) L.R. 106-03

Directions.

No., date and purport of receipts to be entered in red, and office note in black ink in order of dates.—To be written inside the line of margin.

Office Note.

Local Boards Branch.

Subject :— Construction of experimental houses at the Idga and Jalapuri Extensions of the Mysore City.

Chairman's No 218 9.2.04.

At the meeting held on the 27th January 1904, the Board of Trustees resolved to construct the following number of houses at the Idga and Jalapuri extensions, the number of each type to be built at each extension being to be determined by the Sub-Committee

10 houses, estimated to cost Rs 360.
20 do do Rs 250
30 do do Rs 200

2. The Board, it is said, approve of the typical type plans, which were prepared by the City Improvement Committee, and the details of construction generally.

3. The number of houses proposed to be built at each of the said extensions, their cost etc

the area given below.

Extensions	Number of houses proposed to be built and their Cost			Remarks
	No. of houses of each type	Cost per house	Total Cost Rs	
Idgaon.	30 Single type.	200	6000	For 6 houses to accommodate a Coolie family consisting of 4 Souls. 7 Do 4 Souls. 2 Quarters for a Mistri & Apicalkarish.
	24 Double type.	250	6,000	
	8 Special type.	365	2,920	
	Contingencies @ 5%		747	
	Total		15,691	
Jalnapuri	129 Single type.	250	3,000	For houses to accommodate a family of 4 Souls. Coolies. Do of 2 Souls.
	46 Double type.	124	5,704	
	Contingencies @ 5%		435	
	Total		9139	
Grand total Rs.			24830	

The resolution of the Sub-Committee of 27.1.04 does not state the number of houses to be constructed.

This is in accordance with the resolution of the Sub-Committee of 27.1.04.

It is also proposed to build 4 experimental drains in each extension the cost of which is not given.

4. The experimental houses are intended for temporarily housing the inhabitants of the dwellings which are proposed to be taken up immediately for improvement purposes, on conditions to be determined upon hereafter.

5. The Chairman in requiring correction to the two estimates amounting to Rs 24,830/- states that the works were already started and payments are being made pending approval, and that any changes that may hereafter be

be made in the estimates etc. will be reported

× 6 The number of houses to be built in both the extensions area is in excess of that sanctioned by the Board (Vide para 1 supra) Orders are solicited as to whether the estimates may nevertheless be sanctioned.

29.2.04

29/2/04

Subd to the Board through the 2nd/C

29/2/04

7. I understand the Board must be given a free hand in such matters and that so long as the Budget grant is not exceeded Govt sanction is merely formal. This may accordingly be assumed —

4/3/04

4/3/04

16315 4.3.04.

8 Yes. 0758 × but maybe framed on tabs

5.3.04

Drafted 8.3.04

C.P. No. 3466-7 & 11.3.04 issued

Dft 10.6.03

10. The Chairman then put the
5. No 5 of 1938 dy. 6.4.38 submitting the
schemes for the Damage of the
6. Idga Extension, and (2.) Jalaspuri
and Karaspuram Extension.

7 The estimates amount to
Rs 13,441 & Rs 17,694 respectively
the details being as given below

Idga Extension		Jalaspuri & Karaspuram Extension	
8	Rs		Rs
1. Drainage work.	8328	Drainage work	14,805
2. Forming of Roads and Earthwork	800	2. Forming of Roads and Earthwork	650
3. Compensation	3173	3. Compensation	1674
4. Contingencies @ 5%	640	4 Contingencies @ 5%	842
5. Lumpsum	500	5 Lumpsum	
Total Rs	13,441	Total Rs	17,694

11. The sum of Rs 3,173 provided
for compensation in the Idga Exten-
sion is for the acquisition of
31 acres 29 Cents of land.
for providing for Bungalow
sites. The Chairman was sorry
that after the acquisition of
these areas a supplemental esti-
mate should be submitted for
the required drainage and forming
of roads etc in the locality

Course Rs 1594 applied for for the other is for the acquisition of 11 acres and 27 Gunthas of dry land and 9 building sites

12 The Board have approved of these estimates the conditions mentioned in Sec 17(2) of the Regulation are satisfied

13 The drainage work in the Jalapure and Karanapur an Extensions is said to have been already started under the P. W. D Secretary's C.No A dated the 16th Dec 1903 (Vide Flag A)

14. Two drafts sanctioning the estimates are submitted for approval or other orders.

3/5/04 JR 3/5/04

Submitted to the Dewan through the 1st Asst 3/5/04
12584/4.5.04

15. Yes. May be sanctioned

17615/9.V.04

16. Rs 18082 Rs 57504 Rs 75586

Drafted Draft
3145 11/5/04
12-5-04

17 The estimates were
to the Chief Engineer as ordered
for scrutiny and return with his
opinion on the project

4337 & 4333 & 12.5.
L.M. 106-03

18. In returning the estimates the
Chief Engineer states that so far
he can see the provisions in these
estimates are much the same as
those provided for in the estimates
already submitted to the Board
in the Office* Note of the 21st
Septr 1903, that he is not able
to say whether any material
alterations have been made in
the estimates, as the original
estimates have not been forwarded
to him for comparison & that
the estimates may be returned
sanctioned subject to the con
dition that they do not materially
differ from the original estimates
forwarded from his Office with his approval
approval 19. Further the Chief Engineer remarks that the
original estimates approved by
him and the Keystone City Improve-
ments Committee should have
been submitted for formal
sanction, the modifications and
additions to the original estimates
having to be submitted to Board being also
submitted for approval Septr
to 1903. The Keystone City Improve
ments Regulations do not permit of this course
being followed

3007 & 24-5-01

* This has been called for.

Submitted

~~It~~ Submitted for orders as to whether Conditional Sanction can be accorded to the projects as suggested by the Chief Engineer

The projects for the Chaturabahi extension referred to in the Chief Engineer's letter will be submitted for orders separately

Vide linked file

mrj
28/5/04

Submitted with draft

JFB
28/5/04

19. Drafts are submitted as suggested by the Chief Engineer, but, in my humble opinion, it does not seem appropriate to give such conditional sanctions.

Orders are solicited as to the manner in which the sanctions shd be given

Submitted to the Dewan through the I/C

28/5/04

1467
30-5-04.

20. In my humble opinion the Board must be allowed a free hand & the Chief Engineer & Secy D&W has no voice in such matters - The Chairman is an experienced D&W Officer & I do not think it was ever intended that he

sh

I should be subject to
scrutiny by the Chief Engineer
& Secy D.P.W. By all means let us
consult Mr Keller obtain his opinion but he can be nothing
more than an adviser - Our
last correspondence between
the Project engineer attached
and Mr Keller the Consultation
of the Board that now
sent up by the Board under
the Regulation need not I
submit be restricted upon
nor the Chief Engineer's Sanc-
tion or approval in the
case of variation of

30/5/04

30/5/04
1869
1.6.04.

1957

21. What I want now
is such an opinion
on the drawings but
as a scrutiny and
opinion after check
on the estimates
submitted from a
professional point of view
This may be made clear
to the Secy D.P.W & this
opinion obtained

1.VI.04

22 Ltr to Sec'y

As from the Chief Engineer's letter No 3007 of 24th May 1904 (Copy put up) it is clear that the Estimates have been duly checked & corrected in red ink before orders are solicited as to whether the draft orders appd by the 1st Commissioner may issue or whether it is necessary to send the Estimates again to the Chf Engineer for Sanction & Issue

J.B.
6/6/04

23. The 2 Estimates now in question have been already checked and reported upon by the Chief Engineer so, the draft Orders sanctioning them may, if so submitted, be passed and issued

(three drafts)

Instructions are to the Chief Engineer as to the manner in which he is expected to check such Estimates are contained in a new draft which is herewith submitted for approval

18195/7.6

Ltd 6/6/04

Ltd to the Board

L2816

1933

24. Somehow there seems to be some error as the other estimates dealt with ~~other~~ already - In other words the projects mentioned in the estimates between pages 4 & 11 dealt with in the document which may be obtained by the Chairman must be kept under lock & key pending their ~~publication~~ publication

13. VI. 04

H. V. K.

14/6/04

Project for the) & Gja Extension Sanctioned in G. O. No 5018-9 dt 24.6.04
No Jalapuri & Karnaprya Extensions L7176-03.
G. O. No 5021-22 dt 24.6.04,
L2806-03

25. The Hon'ble Chairman and Members
have declarations and Statements for the acquisition of properties in these two extensions for publication in the Gazette

Letters No 75 & 91, dt 1st & 2nd July 1904

26 Draft (? by the Chairman & by the Compiler) Submitted for approval

16.7.1904

16/6/04
17 7 04

9/7/04

27

No 21

Encl: As detailed below

L 1781

Office of the Chairman of the
Board of Trustees for
Mysore City Improvement Mysore
Dated 9th February 1904.

To

D. Sitarama Rao Esquire,
Chairman of the Board of Trustees
for Mysore City Improvement
Mysore.

L. Anantha Swami Rao Esquire, B.A.,
Secretary to the Government of Mysore
General and Revenue Departments,
Bangalore.

Sir,

I have the honor to submit detailed and abstract Estimate for building Experimental houses, at the Idga and Jalpuri Extensions of the Mysore City in accordance with the resolution of the Board dated 27th January 1904 and a Copy of which is enclosed for ready reference.

2. The type plans prepared by the City Improvement Committee have been adopted, in framing the Estimate. The Trustees approve of the plans and the details of construction, generally.

3 It is proposed to build at the Idga Extension

Extension 62 houses of the type is noted in the margin and 58 at the Jalpuri Extension. The type plans and tracings of the Extension

Extension
I design
II — " —
III — " —

where these houses are decided to be located are enclosed for perusal.

Extn. The Experimental houses are intended

to 2 design
Cooly lines

for temporarily locating the inhabitants of the dwellings which are proposed to be taken up immediately for improvement purposes, on conditions to be determined upon hereafter.

5. Any alterations either in the accomodation now made available, or in the detail of materials used in Construction, necessitating, revisions of the present Estimates, for future adoption, will be separately reported.

6. I solicit early sanction as the works have been started and payments are being made pending

pending approval

I have the honor to be

Sir,

Your Most Obedient Servant

D. Sanjeevaiah

Chairman of the Board of Trustees

for Mysore City Improvement

Mysore

Detail of Enclosures.—

—Idga Extension—

1. Detail Estimate with Typical plan for 1 design
1 — do — do — do — ii —
1 — do — do — do — iii —
1 General Abstract for Rs 15691
1 Tracing indicating Extension
1 Detail Estimate with Typical plan of e to B design
1 — do — do — do for Cooly lines
1 General abstract for Rs 9139
1 Tracing indicating sites

Proceedings of an ordinary Meeting of the Board of Trustees for the Improvement of the City of Mysore held on Wednesday the 27th January 1904. at the Chairman's office

× × × × × ×

No. III:- The Sub Committee refered to above to select Sites also, for the Construction of Experimental houses

It is resolved to Construct;—

10 houses Estimated to Cost Rs. 300/-

20 — Do — Do — 250/-

30 — Do — Do — 200/

The number of each type to be built at each Extension to be determined by the Sub Committee.

× × × × ×

Signed. S Subbanna Rao

Chairman of the Board of Trustees for the Mysore City Improvements

27. 1- 1904

Copy

S Subbanna Rao

Chairman of the Board of Trustees for the Mysore City Improvements

Proceedings of the Sub Committee appointed under Resolution No II of the Board dated 27th January 1904.

× × × × × ×
× × × × × ×
× × × × × ×

The members met at the Mochi Ghat Police Station and proceeded to inspect the sites intended for building at the Idga Extension. The Sub Committee Selected the sites shewn in the accompanying plan for building Experimental houses of the types noted on the plan. It is also intended to build drains as an Experimental Measure in the Conservancy lane indicated on the plan.

The members then proceeded to Jalpur Extension and inspected all the available sites for building purposes. It was resolved to build about 46 houses costing 125 Rupees each and about 12 of the 250 Rupees type on Sites indicated on the accompanying plan. They further determined to build Experimental drains in the Conservancy lanes indicated on the plan.

28.1.04.

Sd/- [illegible]
Chairman of the Board
for Remarks for the Myrore city
Improvement

"Copy"

~~D. Sharma~~
~~Chairman of the Board of Remarks~~
for the Myrore Improvements.

Mysore Govt., Gen. & Rev. Secretariat
Local Boards Branch

File No. (if any) and its date—

Office Draft.

Progs. of the Govt. of H. H. the Maharaja of Mysore.

Read :

Letter No 21 dated the 9th February 1901, from the Chairman of the Board of Trustees for the Improvements of the City of Mysore, forwarding a copy of a resolution of the Board dated the 27th January and estimate with plans for the Construction of experimental houses at the Idga and Jail Puri Extensions as detailed in the margin at a total cost of Rs 21,830/-, and stating that these houses are intended for temporarily locating the inhabitants whose houses are proposed to be taken up immediately for improving the city ~~each for four days~~, and that the works have been started and requirements for work done are being made pending Sanction of Government.

Idga Extension

		Cost
Houses of Design No 1 (@ Rs 200 each		6000
do	No 2 @ Rs 250 each	6000
do	No 3 @ Rs 368 each	2940
	Total	14,940
add Contingencies @ 5 %		747
Grand Total Rs		15,691

Jail Puri Extension

Houses of Design No 2 (@ Rs 250 each		3000
do Design of Cooly lines (@ Rs 114 each		5700
	Total	8700
Contingencies @ 5 %.		435
Grand Total Rs		9137

Order :-

Order thereon No 3466-
Lh 10

11 3/04

Re: 2 Sanctioned estimates & plans in the matter of the Chairman and Office of Sanctioned estimates & completion

D

The construction of
120 (ex) permanent houses for
the Idgr and Jalalpur
Extensions at a total
cost of Rs 24,830/- as recommended by the
with the observation
the number of houses proposed
by the Chairman to be built
in both the extensions is in
excess of that sanctioned
by the Board

as per type plans and
submitted

Seen
Q
19-3-04

D

2nd (Ex and
Draughtsman)

9/3/04

Off Secy

Dr J 8/3/04

To

The Chairman of the Board
of Trustees for the Improve-
ments to the Lock of Weys
& Training the two Sanctioned
Perennial Abstracts of Estimates
and other Enclosures

The Conservator in Weys
with Copies of the Sanctioned
Abstract of Estimates

Mysore city Improvement Trust

General Abstract Estimates for constructing 5 Experimental Buildings of type plans indicated at Jalapuri Extension

Name of Designs	Per	Rate	Quantity	Cost
Design No 2	Each	250	12	3000
of Cooly-lines	Each	124	46	5704
Total Rs				8704
Contingencies at 5 per cent				435
Grand Total Rupees				9139

(Sd) D. Lakshmana Rao
Chairman of the
Board of Trustees
Mysore city

Office copy.

Mysore City Improvement Trust

General abstract of estimates for constructing Experimental buildings of type plans indicated at Sayaji Extension

Name of Designs	Per	Rate	Quantity	Cost
Design No 1	Each	200	30	6000
Design No 2	Each	250	24	6000
Design No. 3	Each	368	8	2944
		Total		14944
Contingencies at 5%				747
Grand Total Rupees				15691

Office copy.

Sd/- D. Krishnama Raju
Chairman of the
Board of Trustees
Mysore City Improvement
Trust

MYSORE GOVERNMENT
25 MAY 1904
GENERAL SECRETARIAT

SECRETARIAT
Rec'd
190

L2402

From

P. Sitarama Rao, Esq.,
Chairman of the Board of
Trustees, Mysore City.

GENERAL SECRETARIAT
2 - MAY. 1904
Government.

To

L. Ananthasami Rao, Esq., B.A.
Secretary to the Government
of H.H. the Maharaja of My-
sore, Genl. & Rev. Deptts.

Dated 24.6.04

Despatched 27 April 1904.

Received 24.6.04

General No. 54

Enclosure No. 25

Submitting for favor of early sanction an estimate amounting to Rs. 17,694 with the marginally noted enclosures for the Sanitary improvements of the Jalapuri and Kamarapuram.

Re D. Cruz report ✓
Gazette Notification ✓
General Abstract ✓
Abstract Estimate ✓
Detailed Estimate ✓
Estimate of Main Drains ✓
Discharge statements ✓
of Jalapuri & Kamarapuram Valley
Compensation statement ✓
Tracing
Ferro type plans

Note & draft sanction
#61
25

Notification dated 2nd February 1904.

JALAPURI AND KARNAPURA EXTENSION.

In pursuance of Section 16 (1) of Regulation No. III of 1903, it is hereby notified that a scheme for the improvement of the area known as the Jalpuri Extension of the Mysore City has been prepared: involving (1) the drainage of the area, (2) the acquisition of lands for building sites for the poor, and the acquisition of a few huts. The extension is on a spur to the north-east of the town, with a valley running round it, excepting on the south. A drivable road connecting Hale Nazarbad road with the travellers' bungalow road forms its boundary on the south. The plans of the extension and of the several improvements intended can be seen at the Chairman's Office now located in the building known as Lacey's Court during office hours

D. SITARAM RAO,
Chairman of the Board of Trustees, Mysore.

To

L.Anathasami Rao Esq., B.A.

Secretary to the Govt. of H.H. the Maharaja of Mysore,

General & Revenue Departments.

Sir,

I have the honor to submit a detailed and an abstract Estimate for the Improvement & Drainage works of the Extension to the East of the Mysore Town known as Jalapuri and Karnapuram. The amount of the Estimate comes up to Rs. 17694 and is made up of the items as shewn in the abstract as detailed below.

For drainage & works pertaining therto:-	Rs.	15339
Forming of Roads & Earthwork:- ...	Rs.	682
Compensation as at present ascertained:-	Rs.	1673
Public Latrines:-	Rs.	-
Dust bins:-	Rs.	-

2. This estimate does not provide for protecting the sides of the main roads, which are allowed to have only earthen side drains, a small provision only is introduced to protect the places where the sides of the roads are likely to be scoured down In course of time if it is found necessary to define the sides of the main roads, a supplimental estimate would be submitted obtaining after the approval of the Board.

3. The boundaries of the extension and other details connected with the sections of the drains and other works relating

relating to them are clearly brought to notice in the report drawn up by Mr.D'Cruz and which accompanies the estimate. A copy of the Notification about the scheme published in the Mysore Gazette is also enclosed.

4. The original estimate is recast in terms of the rates tendered for and accepted by the Board.

5. A provision of Rs.1673/- is made under the item of acquisition of land, to acquire 9 building sites and 11-27 acres Gunta of dry culturable area for further extension and a statement shewing the rateable value is also enclosed.

6. I solicit early sanction as the construction of drains is started under the authority conveyed in P.W.D. Secretary's Camp No. A dated 15-12-03 on the order passed by H.H. the Maharajah. Necessary plans to explain the details of the Estimate accompanying the project and which I request to be returned with the sanction solicited.

I have the honor to be,

Sir,

Your most obedient servant,

D.L. Ishwara Rao

Chairman.

B.R.

Mysore City Improvement Trust.

Report to accompany plans and estimatesfor the drainage of Jalapuri & Idga extensions.

Jalapuri.

Origin of the extension.

Jalapuri with three other extensions, was brought into existence on the recommendation of the Plague Commissioner "with a view to relieve the overcowding in the Mysore City, and to provide accommodation for people whose houses may be demolished as unfit for habitation or removed for the purpose of opening out streets and conservancy lanes."

6 R Pg 343-8
& 11-10-1900

tion & Nature of locality.

The extension is on a spur to the North East of the town with a valley running round it on three sides, West, North and East. On the south there is a drivable road that crosses thespur from E.S.E.to W.N.W., and joins the Travellers' Bungalow road within a furlong of the Bungalow.

The direction of the spur is from S.W., to N.W. The soil is gravel or Morum and with the natural slope of the ground furnishes good dry sites for building purposes.

Extent and lay-out of the ground.

The area of the ground for

for building purposes is 22 acres, and furnishes 305 building sites of which al ready 230 have been built upon. The roads and conservancy lanes run due North and South in parallel lines with cross roads running East to West at intervals of 240 feet. The width of the road is 30 feet and of the conservancy lanes 15 feet. The houses face the roads and have their backyards on the conservancy lanes. Had the roads been disposed parallel to the direction or fall of the spur, the slope of roads should have been less steep and should not have necessitated the stepping in the drains along them to prevent scour. According to Native rules of building the houses should face the cardinal points and so the roads it is believed were accordingly alligned. The houses are detached with a space of 7½ feet on either side of them and a backyard behind. They are of the ordinary type of native houses for the working or labouring classes & consist of mud walls with tiled roofs. The main block of the extensions is occupied by holdyers, Roman Catholics occupy the southernmost block on high ground and the madigars or the lowest class, are separated from the Holdyers by an open space and given sites in a block at the North East of the Holdyers in lower ground.

Sanitary Conditions.

The sanitary conditions of the extension would be unimpeachable, were it not

were it not that the valley which circuits it, is already made the Outlet of the sewage of Lashkar, and Mandi Mohallas on the East and of Erangere on the West The desirability of establishing the proposed sewage farm at the end of the main sewer from Lashkar and Mandi which crosses the Lower Residency compound & flows into the valley on the East and of adopting a sewage filter there, are matters which must sooner or latter be done in the interest of this extension, if not the whole town . It may also be necessary to adopt a similar filter for Erangere sewage which flows into the valley on the West of the extension only that it need not be of masonry but a pit in the ground filled with filtering material, road material, and broken bricks &c., with inlet and outlet pipes and covered over with turf if necessary.

The advisibility of filling up a pond within two chains of the Karunapura extension and close enough to Jalapuri is a matter that requires immediate attention as at present it is practically a receptacle for stagnant sewage

Karunapura which isa small Mission extension on the same lines as Jalapuri and with a similar ra[illegible]son D'etre lies to the South of the Traveller's Bungalow and to the West of Jalapuri extension with the valley to the West of the latter separating the two extensions It consists of 35 house sites and is very simi

& Im Standish Lees
189 dated 24-8-88

Chairman's remarks.

r to adopt a suitable [illegible]
ter once for all.

Intd/. D.S.R.

To fill up fully will be ostly. Provision to be made for thoroughly draining it filling up lowest bed.

(Id) D S R

Karunapura.

very similar in soil, lay out, nature of buildings &ca.

Drainage called for.

The drainage of the above extensions was considered necessary by the Sub Committee as the extensions have been provided with no drains of any kind for disposal of their sewage which was allowed to sink into the soil and sodden the ground around with the prospect of all the evils of defective drainage, to which the City is at present a victim being repeated in these extensions. In fact the Sub Committee were of opinion that the laying out of roads and the construction of drains should have preceded the erection of buildings.

System of Drainage.

The system of drainage proposed to be adopted in these extensions is what is known as the combined system and the drains provide not only for the conveyance of sewage but of rain water also. The difficulty of maintaining a self cleansing velocity without rendering the drains liable to erosion under varying depths of flow were met by adopting the semi peg top section where the H.M.D.& consequently the velocity does not vary so widely as in the rectangular tropizoidical or semi circular sections for varying depths of flow. The slabbed V drains at present adopted in the town though unobjectionable from an Hydrauli standpoint are found to be difficult to keep clean at the apex and if not laid in concrete to leak extensively.

set in concrete unless
ably well laid, found
to leak at the joint.
Od D & R

Capacity of drains.

The drains for these extensions are designed to carry off a rain fall of 2" per hour as experience in Mysore has indicated that this intensity of fall and run off is by no means too high for the conditions appertaining in Mysore; but if I am allowed to express an opinion in the matter I would recommend that the drains be designed to carry off a flow represented by a rainfall of 1" per hour and the other 1" of rain fall can go down the main roads which are provided with earthern drains for the following reasons:- (1) Economy (2) reduction of the section of drain to keep down the maximum velocity when full at about 6 feet per second (3) Confining the sewage within narrower limits to secure better depths and consequently velocity when the drains discharge only sewage.

is the other 1" of rainfall carried to the main roads?
Ch. Mc H

Limiting velocities.

The limiting velocities have been taken to be 2 and 6 feet per second and the drains have been designed in accordance compatably with the steep slopes that have had to be dealt with. As much of the fall of the lanes as could be eliminated by dropping the drains at the crossings of roads and at other intermediate points where absolutely necessary has been so disposed of.

Chairman's remarks.

At the drops at the crossings roads silt traps to be provided.

(Ch) D & R

Direction and fall of drain.

The direction and fall of drains had to conform to the direction and fall of the existing conservancy lanes to a great extent and although it was possible to mitigate the fall by drops, there

there was no option with regard to direction. Where the velocity works out higher for a full drain it will be found that the discharge of the drain is in excess of the run off and consequently the drain would not run full but only half or three-fourths full and the velocity would be correspondingly reduced in the actual working of the drain.

~~Special section~~

Special section of Drains.

Only in one or two instances we have had to make separate provision for sewage in the drain and to lessen the H.M.D. of the full drain by increasing the wetted border and making the drain practically trapizoidal, as per sketch, and to provide against scour during heavy falls of rain by lining the sides with slabs.

The slabs to be bedded in concrete.

Drains in conservancy lanes and roads.

Pukka drains have been provided only for conservancy lanes as they would have to convey also sewage, and earthen drains have been allowed for main roads for disposal of portion of the rain fall and as they are liable to scour from the steepness of the road rough stone masonry dams have been provided where required, as the experience of one or two monsoons would suggest.

To provide burnt stone slabs or Cuddappa slabs to protect the sides and edges of the main roads, the cost will be prohibitive - This work must be undertaken gradually by the Municipality as funds permit.

Ql/ D & R

Disposal of drainage at Cross Roads.

The disposal of drainage at Cross Roads, has been arranged by dropping the drains from 1 to 2 below roads. At these drops small cisterns with gratings may be arranged and additional water way given under the road by inserting side slabs.

See altered design and provide accordingly

nection of street drains with sub mains.

The connections have been made with a view to keep the street drains higher than the collecting drains to prevent any backing up in the street drains to have the junctions of these street drains with the sub mains where admissible at an angle inclined to the direction of flow in the latter.

Sewage filter.

It has been decided to try as an experiment a sewage filter at Jalapuri which by the process of biolysis is said to be very effective in rendering sewage less offensive and more adaptable for sewage irrigation. It consists of a masonary cistern packed within broken metal and bricks of graduated sizes. We have the authority of Dr.King the Sanitary Commissioner of Madras & of Mr.Silk the Sanitary Engineer of Bengal that when sewage filters up through this medium, the effluent is comparatively clear and free from bad odours. The details of the filtercan be seen from the accompaning drawing.

Disposal of Sewage.

The sewage has been by 3 outfalls led into the valley below, which as stated already receives the sewage of Lashkar Mandi and Erahgere. It can be utilized for growing vegetables in the gardens close at hand. The ryots have no objection to utilizing the sewage by trapping it in ponds, but object to any drain being led into their fields under the misconception that their fields would be damaged in case of a heavy fall of rain. They cannot understand that the sewage

sewage can be ~~[illegible]~~ diverted

en let into the fields the will have to be regulated, unfiltered sewage, whatever be the media, is considered conducive to the healthy of vegetables.

(Sd) D S A

through a smallpipe to their fields while the rain fall can pass down the main channel. The arrangement intended for this is held in abeyance till the ryots can see in course of construction its feasibility. There will however be no infringement of the private rights in letting the drainage into the natural valley below, as the drainage of the spur on which the extension is situated at present goes down them and there is no likelihood of any drinking water in the vicinity being contaminated.

Drain Construction.

* Cos Cement pipes may be used in place of Surki Concrete drains vide line statement of cost

Exc. 9 Q. M. C.
Mysore Engineer
to unit Concrete drains
Sd/- D. S. R
Chairman

The drains are proposed to be constructed of[x] Machine ground Surki Mortar concrete rammed round a solid wooden core of the same section as the drain in the centre of the trench. The cost of these concrete drains is seen in the accompanying schedule. Cement in place of Surki Mortar Concrete would cost above 3 or 4 times as much per running foot. If stock bricks be used for the upper part or straight sides of the drain, the cost per running foot would be about 1½ times the estimated rates.

No good bricks can be secured at Mysore. Soils are not good for brick making.

The drains designed with a run off 1" to be adopted

(Sd) D S R

O.K. in my note on previous project, which was approved by me and the Committee appointed by Govt. I suggest that a runoff of 2" an hour may be recorded for?

21.5.02

Two estimates of the streets & collecting drains are submitted for (1) sections corresponding with the maximum drainage that enters them along their full lengths and (2) for varying sections according to the drainage that enters them at various points in their lengths. The cost of drains calculated at 1" runoff is also appended. In changing the section of a drain the point where the drain is dropped to pass under a cross road has been availed of.

I would suggest that the Municipality be asked to take steps for the construction of private latrines, proper house drains and house connections and to have all insanitary pits in the backyards filled up. I would recommend for house connections the terra cotta pipes made by the Industrial School, Mysore; this would give the School an opportunity such as they have never had, to develope the industry, while the cost of manufacture would return to the pockets of Government; at the same time it will be about the chepest drain possible to get, as it runs to 2 annas a foot as shewn in the accompanying letter from the Superintendent. Specimens of pipes received are sent herewith. They may be plastered with cement inside if it is thought they are absorbent.

Provision is made in the Building Bye Laws of the Municipality.

(Sd) D S R

After getting Subbaraya & Co quotations for semi circular 4" cement pipes for house Connections I have changed my idea on this point & think that cement pipes are in every respect preferable to the cad i point the same viz: 2 annas per foot; Cement would stand the action of the ammonia in sewage better than terra cotta unless glazed and also are preferable in point of cheapness

Sgd. S.C.V.R.

Prices in instant Cement half pipe 2 annas & half a foot run

Sgd S.C.V.R.

Public Latrines & Dust Bins.

Two latrines one for males and one for females and dust bins at the crossings of roads $3\frac{1}{2}' \times 2' \times 1\frac{1}{2}'$ of Cuddappa or granite slabs with a slabed floor as per sketch have been provided for a

a lump sum of Rs.___ ; but whether this should form part of the accompanying Estimate or a separate debit on the revenues of the Municipality is a matter to be considered.

altered plans for Dust bins.

Water supply. (Id) D S R

The pipe that supplies Jalapuri with drinking water is only 1" in diameter and about 2000 feet in length. It is needless to say that by the time the water reaches the extension all the available head is consumed. It is there-fore necessary to move the Municipality to have a pipe of 2" inches diameter substituted.

Municipality is addressed ately on the subject.

(Id) D S R

Filling up an Insanitary Pond.

The filling up of the Insanitary pond to the south of Karnapuram is roughly estimated to cost Rs.200/-. Provision has been made for putting up 8 stand pipes for supply of drinking water to the extension, and the floors of these have been provided with drains I would recommend Cast Iron fountains instead of masonry.

low an estimate; get sections calculate.

Id D S R

x 6 for Jalapuri
2 for Karnapuram.

I D G A

Idga Extension.

With regard to the Idga extension, it is situated due west of Jalapuri at the opposite or North-west corner of the Town. The area is 15 acres and number of house sites 137. The lay out and construction of the extension which is mainly for the poorer Mahamadans is very similiar to Jalapuri and the system of drainage proposed is after the pattern for the Jalapuri Extension. The difficulty of extra steep slopes to be dealt with in Jalapuri however

-ever

however, does not occur in Idga where the slopes are easier. There are three outfalls one into the valley of the main drain of Lashkar and Mundy and the other two into the valley behind the Jail where the drainage of the northern most drainage area of the City discharges.

Cost of Projects.

The cost of the system proposed for Jalapuri and Idga is Rs.11,189/ & Rs.6,025/- respectively, as per abstracts accompanying.

te to be recast providing items left out.

Old D sn

per Arkwright & Co's

(- pipes, the cost

d be Rs 13710 & Rs 8020

Old year

Reasons for the early anction of the project.

There are many reasons for the immediate sanction of this little project.

(1). The experience that we should get of the effecieney of the system would help us considerably in the bigger project of the Town

(2). The extensions which are soon getting very similiar in sanitary con-
-ditions

conditions to the worst parts of the town would be greatly improved and the tendency to deteriorate would stop.

(3) The establishments of a small conservancy system for these extensions on improved lines would help the Municipality to arrive at an idea of the cost for an effecient service for the Town.

(4) There ismoney with the Municipality sanctioned by Government for the drainage of this extension which is unspent, and can with advantage be employed in this important direction.

(5) The Wesleyn Mission people have for a long time felt it a grievance that they have been taxed for houses in Karnapuram with no drainage provision whatever.

Mysore.
2nd. June 1903.

(Signed) J.E.A.D'cruz,
Assistant Engineer.

"Copy"

Chairman.

GENERAL
5 MAY 190

SECR
Mysore P.
12 MAR 1904

190

L2403

From D.Sitarama Rao, Esq.,
Chairman of the Board
of Commissioners, Mysore City
Improvement.

2 - MAY 1904

To

L. Anantaraya Rao, B.A.,
Secretary to the Government
of H.H.the Maharaja of My-
sore, Genl. & Rev. Deptts.

Dated 27-4-04

Despatched 29 April 1904.

Received

General No. 55

No.

Enclosure No. 16

Submitting for favor of early sanction of Government an estimate amounting to Rs. 13,441 with the marginally noted enclosures for the Sanitary Improvements of the Idga extension.

Gazette Notification +
General Abstract
Abstract estimate of drains
Detailed estimate
Discharge Statement
Compensation Statement
Drains
Ferrolythe Drains

Note & draft prepared

SECRETARIAT OFFICE
12 MAY 1904

Office of the Chairman of the Board of Trustees,
for the Mysore City Improvement,
Dated Mysore, 27 April 1904.

No 55
Enc 16.

From

D.Sitaram Raj Esq.,
Chairman of the Board of Trustees,
Mysore City Improvement.

To

L.Ananthasami Rao Esq., B.A.
Secretary to the Govt. of H.H. the Maharaja of Mysore,
General & Revenue Departments.

Sir,

I have the honor to enclose an estimate amounting to Rs./3441/ for the drainage and other works relating thereto proposed to be executed at the Extension which is called after the Idga, where the Mohamadans of Mysore muster strong for prayer on festive occasions. This Extension is chiefly intended to provide accomodation for the population to be displaced from the Lashkar and Mundy Mohallas & where the experimental houses numbering 62 are under construction, on an Estimate sanctioned for Rs./5,69/ and where also an Hospital is almost settled to be located by the Wesleyan Mission with extensive accomodation for indoor patients. Wesleyan Mission have also in contemplation to erect decent Bungalows to accomodate the Doctors and other Staff connected with the Hospital as close to it as possible, rendering the Extension in every way attractive to others who are anxious to live outside the Town, as eligible ground is available for Bungalow sites.

2. The Estimate chiefly provides for the construction of the concrete drains of the semi peg top pattern, as shewn on plans and sections. A small provision is also inserted to form roads in the Extension., & the other minor items call for no special mention.

3. Under

3. Under compensation the acquisition of Revenue Survey Nos.172 & 173/74 to further extend the Extension to secure more building area, proposed After obtaining possession of the area in question, a supplemental Estimate would be submitted for the required Drainage and forming of roads in the locality. A copy of the Notification published in the Mysore Gazette dated 14th February 1904, giving particulars of the scheme is also enclosed for ready reference.

I have arranged to start construction of drains and solicit early sanction.

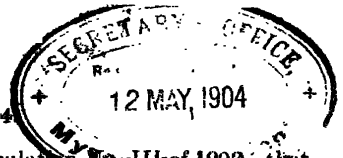
I have the honor to be,

Sir,

Your most obedient servant,

Chairman.

B.R.



Notification dated 2nd February 1904.

IDGA EXTENSION.

IT IS hereby notified in accordance with Section 16 (1) of Regulation No. III of 1903, that a scheme for the improvement of the Idga Extension has been prepared. The said extension is bounded on the north by the old City rampart, on the south by the Bakshi Budankhan's street, on the east by Anegondi Ars' street and on the west by Purnaiya's mallah and lands adjoining. The plans and other details of the scheme may be seen at the Chairman's Office held in Lacey's Court during office hours.

The improvements mainly consist of the drainage of the locality and the acquisition of lands for the housing of the poor, that would be displaced in the improvement of the town.

D. SITARAM RAO,
Chairman of the Board of Trustees, Mysore.

Very Urgent

Office Draft. (Docket.)

L2402

Mysore Government,
General & Revenue Secretariat.

To The Chief Engineer of Mysore and Coy to Govt in the P.W.D

Q Mysore

Date of passing the draft 12/5/04
Date of despatch 12/5/04

Regd. No. 4332
File No. & date (if any) 106-03

No. of Encls. 25

be returned when done

In forwarding herewith ⊗ in original with enclosures, letter ⊗ No 154 dated the 27th April 1904 from the Chairman of the Board of Trustees for the Improvement of the City of Mysore Bdr, an estimate for Rs 17694 for the Sanitary Improvements of the Jaganmohan and Karanjapuram Extensions of the Mysore City I have the honour to request that the Chief Engineer will be so good as to have the estimate ~~scrutinized and returned~~ and to favour further

duly checked & returned
with his opinion ~~on~~
~~the projects~~ thereon

~~The Conferees may be~~
~~obligingly informed~~

Drawn's order

By order

12/5/04

C of E Secretary

WD

12/5/04

Mysore Government
General & Revenue Secretariat.

Office Draft. (Docket.)

L2403

To The Chief Engineer of Mysore and Secy to Govt in the P.W.D

Date of passing the draft 12/5/04
Date of despatch 12/5/04

Regd. No. 4333
File No. & date (if any) L.1106-03

No. of Encls. 16

Recommended

In forwarding herewith in original, with enclosures & letter No 55 dated the 27th April 1904 from the Chairman of the Board of Trustees for the Improvements of the City of Mysore, submitting a project amounting to Rs 13,41,41 for the Sanitary Improvements of the Volga Extension of the Mysore City, I am directed to request that the Chief Engineer ~~may~~ will be so good as to

to have their estimates
scrutinized and to favour
Government with their
opinion, ~~thereon~~ ~~at their~~

~~to continue our~~
~~obligations~~

By order

Clerk's
order

12/5/04

Offg Secretary

12/5/04

From

To

Dated

Despatched

Received

General No. 300

No.

Enclosure No.

Mysore P.W. Department,
Central Office,

No 3007 Dt 24th May 1904.

From

W. McHuteheon Esquire, M.I.C.E.
Chief Engineer of Mysore.

To,

R. Anantaramaiah Rao Esq. B.A.
Secy to the Govt of His Highness
the Maharaja of Mysore
Pub. & Rev. Dept.

Sir,

In returning herewith in original with Enclosures the marginally noted estimates received with your nos: 4331/26-02, 4332/106-03 & 4333/106-3 dated 12th instant, I have the honor to inform you that the above Estimates have been duly checked in my office, and the necessary alterations made in red ink. So far as I can see the provisions in these Estimates are much the same as those provided for in the Estimates already submitted to the Govt for sanction with this office notes of the 21st September 1903.

As the original Estimates have not been forwarded to me for comparison, I am not in a position to say whether any material alterations have been made by the Chairman and Board.

II In my opinion all that was required was, for the Chairman to have submitted the original proposals of Government for formal sanction, as these have already had the approval of both myself, and of the Committee appointed by Govt to formulate proposals for the Guyana City Improvements.

III If however the Board considered any modifications in, or additions to, the original Estimates desirable, it was only necessary for the Chairman to submit these for approval

IV I am unable, without the original Projects before me, to give my opinion on the proposals but would suggest that the Estimates be returned sanctioned subject to the condition that it does not materially differ from the original Estimates forwarded with my approval from this office

I have the honour to be,
Sir,
Your most obed[t] Servt,

M. W. Hutchison

Chief Engineer Guyana.

W.H

ENCLOSURES

Chatnahalli Extension.

Book of compensation
Drawings of type designs of
Houses for Palace servants.
Ferrotype plans for do
Do
.Site plan
.Mr Raghavalu Naidu's No.786 of 2-10-03
Estimates for constructing houses
for Palace servants prepared by
Executive Engineer, Palace Division.
do by Chairman
.Comparative Statement
1.Abstract estimate for drains.
1. Detailed do
1.Discharge statement
1. Estimate for cutting, forming and
gravelling roads.
1.Chairman's No.63 dated 29-4-1904.

Jallapura Extension and
Karnapura Extension.

1.Mr D'Cruz's report
1.Gazette Notification
1.General Abstract
1.Compensation statement
Detailed estimate
4.Discharge statements
1.Estimate for main drain
17.Ferrotype plans
1.Tracing
1.Chairman's letter No.54
dated 29-4-1904 to the
Secretary.
1.Abstract estimate.

Idga Extension

8. Ferrotype plans
1.tracing
1.Gazette Notification
1.General abstract
1.Abstract estimate of drains
1. Do as imate
2.Discharge statements
1.Comparative statement
1.L.No.55 from the Chairman to
the Secretary.

17
86

Read

Letter No 555
27th April 1904 from
the Chairman of
Board of Trustees for
the Improvements of the
City of Mysore submitting
for Sanction an estimate
for Rs 13,441/- for the
drainage and other works
relating thereto proposed
to be executed at the
Doga Extension of the
Mysore City

2. Letter No 3105/B2 11-5-04 from the Chief Engr of Mysore offering his observations on the project

Order thereon. No 5018-19/
L & 106-03 24/6/04

The estimate for Rs 13,441 is Sanctioned on the understanding that the project does not materially differ from the original one Sanctioned by the Chief Engineer. If there are material differences the same may be reported for the orders of Government.

agree to the proposed arrangement

Include the Cuddapah portion also as per Hasan's order

2. The submission of the declaration and Statements for the acquisition of the lands referred to in the Communication Statement will be awaited

11/6/04

HD Offg Secretary
28/5/04 dmj 20/5/04

To. The Chairman of the
HD of Trustees for the
Improvements of the
City of Jaipore returning
cycle with the Sanctd
General Abstract Estimate

The Comptroller in Jaipore
with a copy of the Sanctd
General Abstract Estimate

Memo 5020 dt 24-6-04
2nd 10603
Copy to the Ch Engr of Jaipore.
for Information

By Order

Offg Secretary

Mysore City Improvement Trust

General abstract estimate of drainage and other works of Ilaya 8th extension of the Mysore city

No	Items of work		Drainage		Forming and gravelling road		Compensation		Total	
		Rate	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1	Compensation for acquiring land for extension	acre	..	..	..	..	31 2/40	3173	31 2/40	3173
2	Constructing drains of Sunjey top section from 2" to 8" sections	Rft	1087½	564	..	..	..	..	1087½	564
3	Burnt stone slabs for covering drains at the crossings of road junction	Sft	278½	522	..	..	..	..	278½	522
4	Constructing silt traps	no	22	460	..	..	..	..	22	460
5	Constructing masonry cisterns	no	14	306	..	..	..	..	14	306
6	Constructing slab drain under main road	no	28	896	..	..	..	..	28	896
7	Constructing cut fall drain	Rft	500	375					500	375
8	Flooring and building drain around stand									

						28	300	0	0	0	
10	Rough Stone work etc for earth drain in- cluding levelling scoured sides of road	Rs									600
11	Forming and Travelling roads	Rs				28	500				500
12	Kerb Patta	Rs	20	500							500
	Total Rupees						800		375		12500
	Contingencies at 5 per cent						40		18¾		625
	Grand Total Rupees										13125

Office copy.

Sd/ B. Sitaramaiah
Chairman

Read:-

Letter No 54 dated the 27th April 1904 from the Chairman of the Board of Trustees for the Improvements of the City of Negombo submitting for Sanction an estimate for Rs 17,694 for the Drainage and other improvements relating thereto proposed to be executed at the Jala ture and Karunapura Extensions, and stating that the works were put in hand under the authority conveyed in the P.W.D. Secretary's C 710 A dated the 16th December 1903.

Seen & Filed

2. Letter No 3007 of the 24th May 1904 from the Chief Engineer of Negombo offering his opinion on the project

---

Order

Order Memo No 5021-22 7.6.04
LR 106-03

The estimate for Rs. 17,694/- is sanctioned on the understanding that the project does not materially differ from the original project appraised by the Relief Engineer. If there are material differences the same may be reported for the orders of Government.

2. The Memorandum of the declaration and statement for the acquisition of the properties referred to in the Compensation Statement will be annexed

Draft Memo
Land Rev
Secy Pub Works
Dept
Dy Secy

The portions in brackets, kgs bitten passed by Mr. Dewan the other members may if you may include it in this class LR
16/6/04

LR 16/6/04

HD Offg Secretary
To 28/5/04 Sml 28/5/04
The Chairman of the Bd of Irrigation for the Improvements of the Cauvery Delta with the Land Revenue Abstract Estimate

The Comptroller is requested with a copy of the Irrigation Abstract Estimate

Memo 5028 7.6.04
28.10.03
Copy to the Chf Engr for information
R.O

Offg Secy

General abstract estimate

	Items of
1	Compensation for acquisi
2	Constructing drain of Sa
3	Burnt Stone Slabs for
4	Constructing filter for
5	Constructing silt tra
6	Constructing Masonry
7	Constructing Slate. do
8	Constructing cut fuel
9	Flooring and building
10	Earth work cutting
11	Rough Stone work in
	Repairing the Road
12	Forming and Gravel
13	Rebuilding the main

Appendix No. 12

General abstract estimate of drainage and other works in the Alig

	Items of work
1	Compensation for acquiring land for alignment as per detailed statement
2	Constructing drain of Sanitary type section for 2' to 8' road
3	Burnt Stone Slabs for covering drains at the cross ends of road junctions
4	Constructing filter for sewage
5	Constructing silt traps
6	Constructing masonry cisterns
7	Constructing Slab drain under main drain
8	Constructing cut & fall drain
9	Flooring and building drain around stand pipe with required material
10	Earth work cutting road
11	Rough Stone work etc. for earthen drain and Retaining the Scoured sides Road
12	Forming and Travelling roads
13	Rebuilding the main drain leading from Sirampur to Karanja Village
	Total Rs.
	Contingencies at 5 per cent
	Grand Total Rupees

Office

Annexure II

Estimate of Jalapuri and Kannapuram Extensions of

		Jalapuri				Kannapuram				Confirmation		Total	
		Draining and other works		Forming and gravelling road		Draining and other works		Forming and gravelling road				Quantity	Cost
—										1594			1594
	Rft		7782	"	"	3060	1041					2042	8823
	Rft	1866	687	"	"	308	58					397	765
	20	1	432									1	432
	20	44	880			7	140					51	1020
	20	56	508			3	27					53	535
	20	80	1600									80	1600
	Ls	1	500									1	500
	20	6	20			2	30					8	120
	Ls			Ls	300			Ls	50			Ls	350
	Ls	1	200									1	200
	Ls			Ls	300							Ls	300
	Rft	764	621										621
			13312		600		1296		50		1594		16852
			666		30		65		2		79		842
			13978		630		1361		52		1673		17694

V°

(Sd) O. Sita Rama Rao
Chairman